Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A wireless communications network, comprising:

a wired network;

a wireless channel;

a wireless application service provider server computer connected to the wired network, operable via standardized TCP/IP protocols for wired communications over the wired network;

a wireless packetized data communications provider equipment connected to the wired network, operable via standardized TCP/IP protocols for wired communications over the wired network and also operable for wireless communications via an optimized protocol operable over standardized Internet Protocol, the optimized protocol comprising:

a payload of a series of data packets;

a header at the beginning, middle and towards the end of the series; and

a wireless device communicatively connected via the wireless channel to the wireless packetized data communications provider equipment, operable for wireless communications via the optimized protocol;

the wireless packetized data communications provider equipment, comprising:

an identifier for determining, based on receiving the header transmitted over the wireless channel by the wireless device and any of the series, if any other of the series is not received from the wireless device;

an acknowledger for communicating, based on the determination by the identifier, over the wireless channel, a message selected from the group consisting of: all of the series received and the header received, not all of the series received and the header received; and some of the series received but the header not received.

Claim 2 (original): The wireless communications network of claim 1, further comprising a client software stored on the wireless device for communicating via the optimized protocol ~~specialized protocols with the wireless-application-service provider server computer~~ over the wireless channel ~~and the wired network~~.

Claim 3 (original): The wireless communications network of claim 2, wherein the wired network operates according to an open systems interconnect model protocol.

Claim 4 (canceled).

Claim 5 (original): The wireless communications network of claim 2, wherein the wired network is the Internet.

Claim 6 (original): The wireless communications network of claim 1, wherein the

wireless channel is a cellular packetized data system.

Claim 7 (original): The wireless communications network of claim 1, wherein the wireless channel is a CDPD system.

Claim 8 (currently amended): The wireless communications network of claim 1, further comprising:

a server software stored on the wireless application service provider server computer for controlling wireless communications communicating via the optimized specialized protocols with the wireless device over the wired network and the wireless channel.

Claims 9-18 (canceled).

Claim 19 (currently amended): A computer readable substrate having a computer program saved thereupon, the computer program comprising the steps of:

providing a wireless device with an on-line access to a website, the website maintained on a server computer connected to a wired network;

packetizing a payload into a series of data packets;

inserting a header at the beginning, middle, and towards the end of the series;

transmitting the series, together with the header, a packetized data to the wireless device at least in part over a wireless channel;

receiving at least some of the data packets of the series and the header, the packetized data by the wireless device;

identifying any of the data packets not received if the header is received but not all the data packets are received; and

sending an acknowledgement by the wireless device at least in part over the wireless channel, selected from the group consisting of: all data packets and the header received; not all data packets received and the header received; and some data packets received but the header not received

~~transmitting a second packetized data to the server computer at least in part over a wireless channel; and~~

~~receiving the second packetized data by the server computer.~~

Claim 20 (currently amended): The computer readable substrate of claim 19, wherein the computer program further comprises the steps of communicating the ~~packetized~~ data packets at least in part over the wired network.

Claim 21 (currently amended): The computer readable substrate of claim 19, wherein the computer program further comprises the steps of:

re-transmitting certain ones of the data packets of the series not received by the wireless device, if any of the data packets of the series were not received as indicated by the acknowledgement; and

communicating the data packets of the series ~~second packetized data~~ at least in part over the wired network.

Claim 22 (currently amended): The computer readable substrate of claim 19, wherein the ~~packetized~~ data packets ~~and the second packetized data~~ are each formatted according to an OSI model.

Claims 23-27 (canceled).

Claim 28 (new): The computer readable substrate of claim 19, wherein the computer program saved thereon does not comprise the step of providing.